

Converting Colors

`RYB(198, 202, 142)`

Have a look what the booklet for
RYB(198, 202, 142) contains.

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Color

R_YB(198, 202, 142)

Conversions

Conversions Part 1

Format	Color
Hex	CAAD8E
RGB	202, 173, 142
RGB Percent	79%, 68%, 56%
CMY	0.2078, 0.3214, 0.4431
CMYK	0.00, 0.14, 0.30, 0.21
HSL	31°, 36%, 67%
HSV	31°, 30%, 79%
XYZ	44.1898, 44.4099, 31.8341
YIQ	178.1370, 27.2350, -3.4930

Conversions

Conversions Part 2

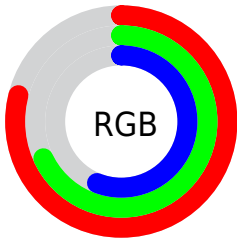
Format	Color
RYB	198, 202, 142
Decimal	13282702
CIELab	72.50, 5.87, 19.85
CIELCh	73, 20.698, 73.518
Yxy	44.4099, 0.3669, 0.3687
Android (android.graphics.Color)	4291472782 (0xFFCAAD8E)
YUV	178.1370, -17.8155, 20.9279
Hunter-Lab	66.6408, 1.7428, 18.3259

Details

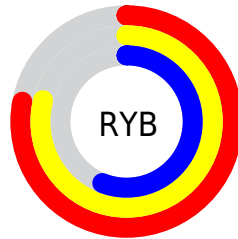
The RYB color **198, 202, 142** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **142, 162, 202**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **246, 255, 196**, and **141, 147, 92** is the 20% darker color. If you saturate the color by 10%, you get **198, 202, 122**, and if you desaturate by 10%, it is **198, 202, 162**.

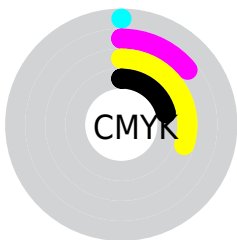
Distribution



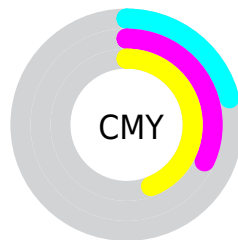
- Red (79%)
- Green (68%)
- Blue (56%)



- Red (78%)
- Yellow (79%)
- Blue (56%)



- Cyan (0%)
- Magenta (14%)
- Yellow (30%)
- Black (21%)



- Cyan (21%)
- Magenta (32%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 202, 142 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 198, 202, 142 by changing the saturation by 10% instead.

 198, 202, 142


255, 255, 255


 246, 255, 196


 224, 255, 224

 252, 255, 252

 198, 202, 142


 170, 174, 116

 141, 147, 92

 115, 121, 68

 88, 95, 45

 59, 70, 24

 31, 48, 0

 24, 5, 0

 0, 0, 0

 198, 202, 142


 198, 202, 142

 198, 202, 122


 198, 202, 162

 194, 202, 102


 198, 202, 182

 192, 202, 81

 202, 202, 203

 192, 202, 61

 202, 209, 223

 192, 202, 41

 202, 215, 243

 189, 202, 21

 202, 221, 255

 188, 202, 1

 202, 224, 255

 190, 202, 0

 202, 227, 255

 202, 229, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214, 171, 153



198, 202, 142



145, 183, 141

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



198, 202, 142



128, 159, 189



192, 170, 205

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



198, 202, 142



142, 162, 202

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



167, 175, 214



198, 202, 142



128, 161, 203

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



198, 202, 142



141, 172, 188



143, 169, 214



209, 166, 189

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



198, 202, 142



146, 183, 160



143, 169, 214



184, 172, 209

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



198, 202, 142



253, 255, 232



202, 142, 171



126, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



198, 202, 142



247, 255, 163



142, 202, 143



102, 102, 92



154, 166, 0



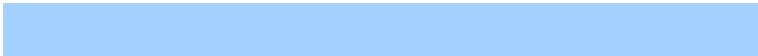
34, 38, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



142, 162, 202



163, 193, 255



143, 142, 202



92, 95, 102



0, 54, 166



0, 12, 38

Previews

White Background



This preview shows how the RYB color 198, 202, 142 looks on a white background.

Color Contrast Check

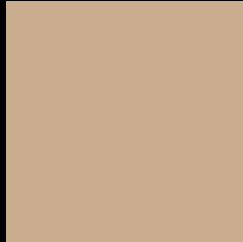
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 198, 202, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

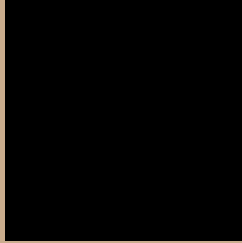
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 198, 202, 142 Background



This preview shows how black text looks on a background with the RYB color 198, 202, 142.




This preview shows how white text looks on a background with the RYB color 198, 202, 142.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

	Original Color 198, 202, 142
	Protanopia 159, 189, 144
	Deuteranopia 207, 194, 142



Tritanopia
206, 168, 181

Trichromacy



Original Color

198, 202, 142

Protanomaly

171, 194, 143

Deuteranomaly

205, 199, 142

Tritanomaly

205, 170, 167

Monochromacy



Original Color

198, 202, 142

Achromatopsia

178, 178, 178

Achromatomaly

187, 187, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 202, 142 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(202, 173, 142) looks like.

```
.text, #text, p{  
    color:rgb(202, 173, 142)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(202, 173, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 173, 142) }
```

Border

The CSS property to change the border of an element to RYB 198, 202, 142 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 173, 142) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(202, 173, 142) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(202, 173, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 173, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 173, 142);  
box-shadow:4px 4px 4px 4px rgb(202, 173,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 198, 202, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 173, 142) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(202,  
173, 142) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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